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<b>Terms</b>	<b>Documents</b>
L9 and stack	61

**Database:**

US Patents Full-Text Database
US Pre-Grant Publication Full-Text Database
JPO Abstracts Database
EPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

**Search:**

L10
<input type="button" value="Recall Text"/>
<input type="button" value="Clear"/>

**Search History**

**DATE:** Sunday, January 12, 2003 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set

*DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L10</u>	L9 and stack	61	<u>L10</u>
<u>L9</u>	L8 and pointer\$	65	<u>L9</u>
<u>L8</u>	L7 and variable\$	68	<u>L8</u>
<u>L7</u>	L6 and root	74	<u>L7</u>
<u>L6</u>	L5 and link\$	133	<u>L6</u>
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<u>L4</u>	L3 and object\$	550	<u>L4</u>
<u>L3</u>	(garbage and collect\$).ab.	2259	<u>L3</u>

*DB=USPT; PLUR=YES; OP=ADJ*

<u>L2</u>	L1 and link\$	1	<u>L2</u>
<u>L1</u>	6314436.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 20 of 61 returned.**

1. Document ID: US 20030005029 A1

L10: Entry 1 of 61

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030005029

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030005029 A1

TITLE: Termination detection for shared-memory parallel programs

PUBLICATION-DATE: January 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shavit, Nir N.	Cambridge	MA	US	
Zhang, Xiaolan	Ossining	NY	US	
Flood, Christine H.	Westford	MA	US	

US-CL-CURRENT: 709/107[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWC](#) | [Draw Desc](#) | [Image](#)

2. Document ID: US 20030005025 A1

L10: Entry 2 of 61

File: PGPB

Jan 2, 2003

PGPUB-DOCUMENT-NUMBER: 20030005025

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030005025 A1

TITLE: Load-balancing queues employing LIFO/FIFO work stealing

PUBLICATION-DATE: January 2, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shavit, Nir N.	Cambridge	MA	US	
Heller, Steven K.	Acton	MA	US	
Flood, Christine H.	Westford	MA	US	

US-CL-CURRENT: 709/102[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KWC](#) | [Draw Desc](#) | [Image](#)

3. Document ID: US 20020199065 A1

L10: Entry 3 of 61

File: PGPB

Dec 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020199065  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020199065 A1

TITLE: Method for using cache prefetch feature to improve garbage collection algorithm

PUBLICATION-DATE: December 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Subramoney, Sreenivas	Palo Alto	CA	US	
Hudson, Richard L.	Northampton	MA	US	

US-CL-CURRENT: 711/137

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

4. Document ID: US 20020161792 A1

L10: Entry 4 of 61

File: PGPB

Oct 31, 2002

PGPUB-DOCUMENT-NUMBER: 20020161792  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020161792 A1

TITLE: Garbage collector employing multiple-car collection sets

PUBLICATION-DATE: October 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Garthwaite, Alexander T.	Beverly	MA	US	

US-CL-CURRENT: 707/206

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

5. Document ID: US 20020138506 A1

L10: Entry 5 of 61

File: PGPB

Sep 26, 2002

PGPUB-DOCUMENT-NUMBER: 20020138506  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020138506 A1

TITLE: Method for efficient garbage collection based on object type

PUBLICATION-DATE: September 26, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Shuf, Yefim	Forest Hills	NY	US	
Gupta, Manish	Yorktown Heights	NY	US	
Bordawekar, Rajesh	Yorktown Heights	NY	US	

US-CL-CURRENT: 707/206

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 6. Document ID: US 20020120640 A1

L10: Entry 6 of 61

File: PGPB

Aug 29, 2002

PGPUB-DOCUMENT-NUMBER: 20020120640

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020120640 A1

TITLE: Method of deterministic garbage collection

PUBLICATION-DATE: August 29, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Hills, Theodore S.	Lambertville	NJ	US	

US-CL-CURRENT: 707/206[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 7. Document ID: US 20020107879 A1

L10: Entry 7 of 61

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020107879

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020107879 A1

TITLE: Accurately determining an object's lifetime

PUBLICATION-DATE: August 8, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Arnold, Jeremy Alan	Rochester	MN	US	
Barsness, Eric Lawrence	Pine Island	MN	US	
Santosuoso, John Matthew	Rochester	MN	US	

US-CL-CURRENT: 707/206[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#) 8. Document ID: US 20020099765 A1

L10: Entry 8 of 61

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099765

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020099765 A1

TITLE: Generational garbage collector with persistent object cache

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Otis, Allen J.	Beaverton	OR	US	

US-CL-CURRENT: 709/203, 711/118, 711/170, 711/6

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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9. Document ID: US 20020095453 A1

L10: Entry 9 of 61

File: PGPB

Jul 18, 2002

PGPUB-DOCUMENT-NUMBER: 20020095453

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020095453 A1

TITLE: Thread-specific heaps

PUBLICATION-DATE: July 18, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Steensgaard, Bjarne	Redmond	WA	US	

US-CL-CURRENT: 709/107

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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10. Document ID: US 20020078002 A1

L10: Entry 10 of 61

File: PGPB

Jun 20, 2002

PGPUB-DOCUMENT-NUMBER: 20020078002

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020078002 A1

TITLE: Memory garbage collection method and apparatus

PUBLICATION-DATE: June 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bottomley, Thomas Mark Walter	Orleans		CA	
Gorman, Ian E.	Ottawa		CA	

US-CL-CURRENT: 707/1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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11. Document ID: US 20020073103 A1

L10: Entry 11 of 61

File: PGPB

Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020073103  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020073103 A1

TITLE: Memory garbage collection method and apparatus

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bottomley, Thomas Mark Walter	Orleans		CA	
Gorman, Ian E.	Ottawa		CA	

US-CL-CURRENT: 707/200

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

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12. Document ID: US 20020055941 A1

L10: Entry 12 of 61

File: PGPB

May 9, 2002

PGPUB-DOCUMENT-NUMBER: 20020055941  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020055941 A1

TITLE: Computer system with two heaps in contiguous storage

PUBLICATION-DATE: May 9, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Kolodner, Elliot Karl	Haifa		IL	
Lewis, Ethan	Haifa		IL	
Paice, Susan Patricia	Eastleigh		GB	
Borman, Samuel David	Southsea		GB	

US-CL-CURRENT: 707/200; 707/100

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

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13. Document ID: US 20020042807 A1

L10: Entry 13 of 61

File: PGPB

Apr 11, 2002

PGPUB-DOCUMENT-NUMBER: 20020042807  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20020042807 A1

TITLE: Low-contention grey object sets for concurrent, marking garbage collection

PUBLICATION-DATE: April 11, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Thomas, Stephen Paul	High Wycombe		GB	
Charnell, William Thomas	Great Missenden		GB	
Darnell, Stephen	Flackwell Heath		GB	
Dias, Blaise Abel Alec	Hillingdon		GB	
Guthrie, Philippa Joy	Leighton Buzzard		GB	
Kramskoy, Jeremy Paul	Long Kitton		GB	
Sexton, Jeremy James	High Wycombe		GB	
Wynn, Michael John	Maidenhead		GB	
Rautenbach, Keith	Cardiff		GB	
Plummer, Wayne	High Wycombe		GB	

US-CL-CURRENT: 709/1
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)
[KMC](#) | [Draw Desc](#) | [Image](#)

14. Document ID: US 20020019716 A1

L10: Entry 14 of 61

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019716

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020019716 A1

TITLE: Object sampling technique for runtime observations of representative instances thereof

PUBLICATION-DATE: February 14, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Agesen, Ole	Palo Alto	CA	US	
Garthwaite, Alexander T.	Beverly	MA	US	
Harris, Timothy L.	Cambridge		GB	

US-CL-CURRENT: 702/83
[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)
[KMC](#) | [Draw Desc](#) | [Image](#)

15. Document ID: US 20010047361 A1

L10: Entry 15 of 61

File: PGPB

Nov 29, 2001

PGPUB-DOCUMENT-NUMBER: 20010047361

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010047361 A1

TITLE: Concurrent shared object implemented using a linked-list with amortized node allocation

PUBLICATION-DATE: November 29, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Martin, Paul A.	Arlington	MA	US	
Detlefs, David L.	Westford	MA	US	
Garthwaite, Alexander T.	Beverly	MA	US	
Steele, Guy L. JR.	Lexington	MA	US	
Moir, Mark S.	Somerville	MA	US	

US-CL-CURRENT: 707/103R; 707/100

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

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16. Document ID: US 20010039609 A1

L10: Entry 16 of 61

File: PGPB

Nov 8, 2001

PGPUB-DOCUMENT-NUMBER: 20010039609  
PGPUB-FILING-TYPE: new  
DOCUMENT-IDENTIFIER: US 20010039609 A1

TITLE: Data processor with localised memory reclamation

PUBLICATION-DATE: November 8, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Houldsworth, Richard J.	Horley		GB	

US-CL-CURRENT: 711/170; 711/159, 711/202

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KWDIC](#) | [Draw Desc](#) | [Image](#)

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17. Document ID: US 6502111 B1

L10: Entry 17 of 61

File: USPT

Dec 31, 2002

US-PAT-NO: 6502111  
DOCUMENT-IDENTIFIER: US 6502111 B1

TITLE: Method and system for concurrent garbage collection

DATE-ISSUED: December 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dussud, Patrick H.	Bellevue	WA		

US-CL-CURRENT: 707/206

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KWDIC](#) | [Draw Desc](#) | [Image](#)

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18. Document ID: US 6470361 B1

L10: Entry 18 of 61

File: USPT

Oct 22, 2002

US-PAT-NO: 6470361

DOCUMENT-IDENTIFIER: US 6470361 B1

TITLE: Method and apparatus for performing generational garbage collection using middle-aged objects

DATE-ISSUED: October 22, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alpern; Bowen	Peekskill	NY		
Attanasio; Clement Richard	Cortlandt Manor	NY		
Smith; Stephen Edwin	Mahopac	NY		

US-CL-CURRENT: 707/206; 707/1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KIMC](#) | [Draw Desc](#) | [Image](#)

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19. Document ID: US 6449626 B1

L10: Entry 19 of 61

File: USPT

Sep 10, 2002

US-PAT-NO: 6449626

DOCUMENT-IDENTIFIER: US 6449626 B1

TITLE: Reduced-cost remembered-set processing in a train-algorithm-based garbage collector

DATE-ISSUED: September 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garthwaite; Alexander T.	Beverly	MA		
Agesen; Ole	Needham	MA		

US-CL-CURRENT: 707/206; 707/205

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KIMC](#) | [Draw Desc](#) | [Image](#)

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20. Document ID: US 6434577 B1

L10: Entry 20 of 61

File: USPT

Aug 13, 2002

US-PAT-NO: 6434577

DOCUMENT-IDENTIFIER: US 6434577 B1

TITLE: Scalable-remembered-set garbage collection

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garthwaite; Alexander T.	Beverly	MA		

US-CL-CURRENT: 707/206; 707/205

[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)[Generate Collection](#)[Print](#)

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21. Document ID: US 6434576 B1

L10: Entry 21 of 61

File: USPT

Aug 13, 2002

US-PAT-NO: 6434576

DOCUMENT-IDENTIFIER: US 6434576 B1

TITLE: Popular-object handling in a train-algorithm-based garbage collector

DATE-ISSUED: August 13, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garthwaite; Alexander T.	Beverly	MA		

US-CL-CURRENT: 707/206; 707/103R, 707/205, 711/159, 711/160[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)

22. Document ID: US 6424977 B1

L10: Entry 22 of 61

File: USPT

Jul 23, 2002

US-PAT-NO: 6424977

DOCUMENT-IDENTIFIER: US 6424977 B1

TITLE: Train-algorithm-based garbage collector employing reduced oversized-object threshold

DATE-ISSUED: July 23, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garthwaite; Alexander T.	Beverly	MA		

US-CL-CURRENT: 707/206; 707/103R, 707/202[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#)

23. Document ID: US 6421689 B1

L10: Entry 23 of 61

File: USPT

Jul 16, 2002

US-PAT-NO: 6421689

DOCUMENT-IDENTIFIER: US 6421689 B1

TITLE: Moderately conservative, mostly copying 2 space garbage collector in the nursery of a generational memory manager

DATE-ISSUED: July 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Benson; Peter	Boulder	UT		
Sexton; Harlan	Menlo Park	CA		

US-CL-CURRENT: 707/206

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Drawn Desc](#) | [Image](#)

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24. Document ID: US 6421660 B1

L10: Entry 24 of 61

File: USPT

Jul 16, 2002

US-PAT-NO: 6421660

DOCUMENT-IDENTIFIER: US 6421660 B1

TITLE: Enhanced searching method and apparatus for variable bit chains

DATE-ISSUED: July 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Glaise; Rene	Nice			FR

US-CL-CURRENT: 707/3; 707/100, 707/102, 707/6

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Drawn Desc](#) | [Image](#)

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25. Document ID: US 6415302 B1

L10: Entry 25 of 61

File: USPT

Jul 2, 2002

US-PAT-NO: 6415302

DOCUMENT-IDENTIFIER: US 6415302 B1

TITLE: Train-algorithm-based garbage collector employing farthest-forward-car indicator

DATE-ISSUED: July 2, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garthwaite; Alexander T.	Beverly	MA		
Agesen; Ole	Needham	MA		

US-CL-CURRENT: 707/206; 711/159, 711/160

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Drawn Desc](#) | [Image](#)

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26. Document ID: US 6393439 B1

L10: Entry 26 of 61

File: USPT

May 21, 2002

US-PAT-NO: 6393439

DOCUMENT-IDENTIFIER: US 6393439 B1

TITLE: Stored data object marking for garbage collectors

DATE-ISSUED: May 21, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houldsworth; Richard J.	Horley			GB
Morris; Steven	Crawley			GB

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMPC	Draw Desc	Image
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 27. Document ID: US 6338073 B1

L10: Entry 27 of 61

File: USPT

Jan 8, 2002

US-PAT-NO: 6338073

DOCUMENT-IDENTIFIER: US 6338073 B1

TITLE: Finalization in incremental garbage collectors

DATE-ISSUED: January 8, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houldsworth; Richard J.	Horley			GB
Morris; Steven	Crawley			GB

US-CL-CURRENT: 707/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMPC	Draw Desc	Image
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 28. Document ID: US 6330556 B1

L10: Entry 28 of 61

File: USPT

Dec 11, 2001

US-PAT-NO: 6330556

DOCUMENT-IDENTIFIER: US 6330556 B1

TITLE: Data structure partitioning to optimize cache utilization

DATE-ISSUED: December 11, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chilimbi; Trishul M.	Madison	WI	53706	
Larus; James R.	Mercer Island	WA	98040	
Davidson; Robert	Bellevue	WA	98008	

US-CL-CURRENT: 707/2; 711/128, 711/129[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 29. Document ID: US 6321240 B1

L10: Entry 29 of 61

File: USPT

Nov 20, 2001

US-PAT-NO: 6321240

DOCUMENT-IDENTIFIER: US 6321240 B1

TITLE: Data structure partitioning with garbage collection to optimize cache utilization

DATE-ISSUED: November 20, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chilimbi; Trishul M.	Seattle	WA	98119	
Larus; James R.	Mercer Island	WA	98040	

US-CL-CURRENT: 707/206; 707/102[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 30. Document ID: US 6304949 B1

L10: Entry 30 of 61

File: USPT

Oct 16, 2001

US-PAT-NO: 6304949

DOCUMENT-IDENTIFIER: US 6304949 B1

TITLE: Data processor with localized memory reclamation

DATE-ISSUED: October 16, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Houlsdworth; Richard J.	Horley			GB

US-CL-CURRENT: 711/170; 707/206[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)[KMC](#) | [Draw Desc](#) | [Image](#) 31. Document ID: US 6279012 B1

L10: Entry 31 of 61

File: USPT

Aug 21, 2001

US-PAT-NO: 6279012

DOCUMENT-IDENTIFIER: US 6279012 B1

TITLE: Reducing the memory footprint of a session duration semispace

DATE-ISSUED: August 21, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sexton; Harlan	Menlo Park	CA		
Benson; Peter	Boulder	UT		
Rosenberg; David	San Jose	CA		

US-CL-CURRENT: 707/206

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
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 32. Document ID: US 6253215 B1

L10: Entry 32 of 61

File: USPT

Jun 26, 2001

US-PAT-NO: 6253215

DOCUMENT-IDENTIFIER: US 6253215 B1

TITLE: Method, apparatus, and article of manufacture for facilitating resource management for applications having two types of program code

DATE-ISSUED: June 26, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Agesen; Ole	Franklin	MA		
Detlefs; David L.	Westford	MA		
White; Derek R.	Reading	MA		

US-CL-CURRENT: 707/206

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
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 33. Document ID: US 6249793 B1

L10: Entry 33 of 61

File: USPT

Jun 19, 2001

US-PAT-NO: 6249793

DOCUMENT-IDENTIFIER: US 6249793 B1

TITLE: Mostly concurrent compaction in a garbage collection system

DATE-ISSUED: June 19, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Printezis; Antonios	Glasgow			GB
Detlefs; David L.	Westford	MA		

US-CL-CURRENT: 707/206; 707/205

<a href="#">Full</a>	<a href="#">Title</a>	<a href="#">Citation</a>	<a href="#">Front</a>	<a href="#">Review</a>	<a href="#">Classification</a>	<a href="#">Date</a>	<a href="#">Reference</a>	<a href="#">Sequences</a>	<a href="#">Attachments</a>	<a href="#">KMC</a>	<a href="#">Drawn Desc</a>	<a href="#">Image</a>
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 34. Document ID: US 6247027 B1

L10: Entry 34 of 61

File: USPT

Jun 12, 2001

US-PAT-NO: 6247027  
DOCUMENT-IDENTIFIER: US 6247027 B1

TITLE: Facilitating garbage collection during object versioning for space and time dimensional computing

DATE-ISSUED: June 12, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chaudhry; Shailender	San Francisco	CA		
Tremblay; Marc	Menlo Park	CA		

US-CL-CURRENT: 707/206; 707/100, 707/203, 717/170

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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35. Document ID: US 6226653 B1

L10: Entry 35 of 61

File: USPT

May 1, 2001

US-PAT-NO: 6226653  
DOCUMENT-IDENTIFIER: US 6226653 B1

TITLE: Method and apparatus for performing generational garbage collection using remembered set counter

DATE-ISSUED: May 1, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Alpern; Bowen	Peekskill	NY		
Attanasio; Clement Richard	Cortlandt Manor	NY		
Smith; Stephen Edwin	Mahopac	NY		

US-CL-CURRENT: 707/206; 707/1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

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36. Document ID: US 6199075 B1

L10: Entry 36 of 61

File: USPT

Mar 6, 2001

US-PAT-NO: 6199075  
DOCUMENT-IDENTIFIER: US 6199075 B1

TITLE: Method and apparatus for generational garbage collection of a heap memory shared by multiple processors

DATE-ISSUED: March 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ungar; David M.	Palo Alto	CA		
Wolczko; Mario I.	Palo Alto	CA		

US-CL-CURRENT: 707/206; 707/10, 707/104.1

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#)

[KMC](#) | [Draw Desc](#) | [Image](#)

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37. Document ID: US 6185581 B1

L10: Entry 37 of 61

File: USPT

Feb 6, 2001

US-PAT-NO: 6185581

DOCUMENT-IDENTIFIER: US 6185581 B1

TITLE: Train-algorithm-based garbage collector employing fixed-size remembered sets

DATE-ISSUED: February 6, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Garthwaite; Alexander T.	Beverly	MA		

US-CL-CURRENT: 707/206; 707/202

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[KMC](#) | [Draw Desc](#) | [Image](#)

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38. Document ID: US 6098089 A

L10: Entry 38 of 61

File: USPT

Aug 1, 2000

US-PAT-NO: 6098089

DOCUMENT-IDENTIFIER: US 6098089 A

TITLE: Generation isolation system and method for garbage collection

DATE-ISSUED: August 1, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
O'Connor; James Michael	Mountain View	CA		
Tremblay; Marc	Palo Alto	CA		
Vishin; Sanjay	Sunnyvale	CA		

US-CL-CURRENT: 709/104; 707/206

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[KMC](#) | [Draw Desc](#) | [Image](#)

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39. Document ID: US 6094664 A

L10: Entry 39 of 61

File: USPT

Jul 25, 2000

US-PAT-NO: 6094664

DOCUMENT-IDENTIFIER: US 6094664 A

TITLE: Method and apparatus for optimizing the null pointer exception in an object-oriented programming environment with statically typed variables

DATE-ISSUED: July 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ungar; David M.	Palo Alto	CA		

US-CL-CURRENT: 707/206; 707/200

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40. Document ID: US 6081665 A

L10: Entry 40 of 61

File: USPT

Jun 27, 2000

US-PAT-NO: 6081665

DOCUMENT-IDENTIFIER: US 6081665 A

TITLE: Method for efficient soft real-time execution of portable byte code computer programs

DATE-ISSUED: June 27, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nilsen; Kelvin D.	Ames	IA		
Mitra; Simanta	Ames	IA		
Lee; Steven J.	Slater	IA		

US-CL-CURRENT: 717/116; 717/118, 717/148

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